

What Is Claimed Is:

1. A ball valve, comprising:

a main body having a chamber, inlet and outlet pipes and an extension tube, the chamber having a hollow interior, the extension tube being connected to the hollow interior of the chamber and the inlet and outlet pipes being connected to the hollow interior of the chamber;

a switching member having a ball and a rotary shaft, the ball having a channel formed therein correspondingly to the inlet and outlet pipes and the rotary shaft being connected to the ball; and

a sealing member having a channel securing hole corresponding to the channel of the ball, the sealing member being formed of elastic material in a cylindrical shape for containing the ball therein.

2. The ball valve according to claim 1, wherein the sealing member is integrally formed as a single body and the ball can be inserted into the sealing member using an elastic deformation of the sealing member.

3. The ball valve according to claim 1, further comprising a leak stopper having a sleeve and a fastener, wherein the rotary shaft is inserted into a center hole of the leak

stopper and the fastener provided with a mail screw is jointed with the extension tube provided with a female screw.

4. The ball valve according to claim 1, wherein the inlet pipe is parallel with the outlet pipe and the channel is formed correspondingly to the inlet pipe and the outlet pipe.

5. The ball valve according to claim 1, wherein the inlet pipe is perpendicular to the outlet pipe and the channel is formed correspondingly to the inlet pipe and the outlet pipe.

6. The ball valve according to claim 1, wherein the main body has a plurality of inlet and outlet pipes and the channel is formed correspondingly to the inlet and outlet pipes.